

WHAT IS CLAIMED IS:

1. A die, for molding disc substrates, in which a stamper is held by at least one of a stationary die and a movable die, wherein,

in a said stamper,

a to-be-held surface that diverges continuously from an inner circumferential surface of a center hole is formed between said inner circumferential surface and an inner circumferential side head surface by punching said center hole,

an inner stamper holder that holds the inner circumferential side of said stamper is comprised of:

a cylindrical body portion; and a claw portion formed around an outer circumference of an end of said cylindrical body portion,

in said claw portion,

a cavity forming surface that is substantially parallel to the inner circumferential side head surface of said stamper, and

a holding surface that diverges toward the cavity in a tapered fashion and presses said to-be-held surface are formed, and,

in the cylindrical body portion, a cylindrical surface that is opposed to the inner circumferential surface of said stamper is formed.

2. A die for molding disc substrates according to claim 1, wherein the holding surface of the claw portion of said inner stamper holder is formed to have an arcuate cross section.

3. A die for molding disc substrates in which a stamper is held by at least one of a stationary die and a movable die, wherein,

in a said stamper,

a to-be-held surface that diverges continuously from an

inner circumferential surface of a center hole is formed between said inner circumferential surface and an inner circumferential side head surface,

an inner stamper holder that holds the inner circumferential side of said stamper is comprised of:

a cylindrical body portion; and a claw portion formed around an outer circumference of an end of said cylindrical body portion, and

in said claw portion,

a cavity forming surface which is substantially parallel to the inner circumferential side head surface of said stamper and on which an outer circumferential portion is formed so that it is projected from a cylindrical surface of said cylindrical body portion in a direction perpendicular to an axis line by 30 - 60 μ m at room temperature, and

a holding surface which has a base portion having a dimension of 50 - 150 μ m in the axial direction at room temperature and which diverges from a connection point on said base portion toward said outer circumferential portion of said cavity forming surface in a tapered fashion are formed.

4. A die for molding disc substrates according to claim 3, wherein the cavity forming surface of the claw portion of said inner stamper holder is projected with respect to the inner circumferential side head surface of the stamper toward the cavity by 5 - 25 μ m at room temperature.

5. A die for molding disc substrates according to claim 3, wherein the holding surface of the claw portion of said inner stamper holder is formed to have an arcuate cross section.